

Commonwealth of Massachusetts
Department of Telecommunications and Energy
Fitchburg Gas and Electric Light Company
D.T.E. 02-55
Responses to DOER'S First Set Of Information Requests

Request No. DOER-1-4:

Please provide all analyses underlying the determination, as set forth at page 6, line 7 of the testimony, "that LP is more expensive than pipelines supplies."

Response:

It is quite common to assess the cost of Liquid Propane (LP) as potentially greater and more volatile than that associated with fixed pipeline supplies. This is so because a very basic market and use analysis demonstrates that LP can exceed pipeline supply by dollars per Dth, and extensive paper analyses are simply not required. For instance, if LP were about 41 cents per gallon as it was in August of 2001, and a conservative estimate of the cost of transporting LP was \$0.14 per gallon, the total delivered cost to our storage facilities would be about \$.55 /gallon. It takes 11 gallons of LPG to make one Dth of gas vapor, which would equal \$6.05 per Dth. In addition, it costs the company about \$1.25 per DTh to vaporize it and inject it into FG&E's pipeline facilities. The cost of LP is typically more expensive during the winter season

Please see Attachment DOER 1 - 4

Person Responsible: David B. Doscocil

	a			b			c			d			e			f			g			h			i			j			k		
	Ethane			Propane			Normal Butane			Iso-Butane																							
	E-P Mix	Purity	Conway	TET	NON-TET	Conway	TET	NON-TET	Conway	TET	NON-TET	Conway	TET	NON-TET	Conway	TET	NON-TET	Conway	TET	NON-TET	Conway	TET	NON-TET	Conway	TET	NON-TET	Conway	TET	NON-TET				
Jan-00	32.961	33.914	23.497	56.109	55.536	42.319	54.605	64.720	54.319	63.987	63.980																						
Feb-00	41.384	41.868	32.703	59.722	59.297	47.263	69.306	71.163	62.119	70.069	70.056																						
Mar-00	38.226	38.973	33.698	51.128	51.462	47.849	61.781	65.793	54.223	68.508	68.565																						
Apr-00	30.408	31.563	25.898	45.875	46.834	43.941	49.401	54.286	46.382	56.006	56.222																						
May-00	32.713	33.923	29.287	51.307	51.324	50.807	55.207	58.219	54.324	67.472	67.511																						
Jun-00	30.358	40.099	38.094	55.469	55.469	56.224	60.814	63.483	61.327	72.906	72.631																						
Jul-00	36.967	37.349	35.582	54.875	54.882	58.286	60.493	61.984	58.578	62.516	62.516																						
Aug-00	36.864	37.130	35.361	55.541	55.467	63.524	64.067	66.361	64.481	64.326	64.269																						
Sep-00	42.484	42.681	41.113	64.209	64.203	70.950	71.984	73.394	70.272	72.341	72.328																						
Oct-00	42.977	42.849	40.781	61.821	61.764	64.045	69.946	70.778	69.315	69.974	69.974																						
Nov-00	44.006	44.006	42.369	60.713	60.697	60.450	72.638	72.766	73.869	71.144	71.144																						
Dec-00	56.950	56.294	55.250	77.531	75.569	79.747	76.663	82.644	71.406	79.872	79.884																						
Jan-01	59.946	59.929	55.542	77.208	75.911	83.027	78.247	80.845	80.673	79.720	79.720																						
Feb-01	44.270	44.911	41.428	59.391	59.273	63.016	66.332	68.793	63.635	72.882	72.964																						
Mar-01	40.938	41.580	37.672	54.940	54.367	57.122	58.080	61.151	55.131	69.046	69.046																						
Apr-01	40.819	41.822	37.659	54.368	54.281	60.258	57.075	60.097	59.259	79.469	79.700																						
May-01	36.156	37.270	32.114	51.202	51.153	56.898	55.009	56.733	55.244	67.011	67.080																						
Jun-01	30.101	31.354	27.566	43.167	43.146	47.699	49.134	50.551	46.857	50.923	50.952																						
Jul-01	26.583	27.590	24.831	38.902	38.880	43.274	43.470	45.744	43.813	44.658	44.658																						
Aug-01	26.334	27.071	23.049	41.541	41.552	45.712	49.000	50.905	46.337	50.565	50.334																						
Sep-01	25.173	25.288	22.154	41.673	41.682	46.533	51.000	51.809	44.614	51.754	51.757																						
Oct-01	23.872	24.261	21.845	38.432	38.424	44.190	44.484	44.905	38.629	44.255	44.313																						
Nov-01	20.578	21.250	18.326	33.034	33.022	35.188	38.469	38.834	36.788	37.116	37.131																						
Dec-01	18.572	19.378	16.957	29.967	29.766	29.951	34.211	34.875	37.605	35.790	35.523																						
Jan-02	18.443	18.994	15.890	29.060	29.060	26.698	35.399	35.048	38.066	40.940	40.782																						
Feb-02	19.201	19.783	17.043	31.204	31.406	27.914	35.734	38.938	34.250	43.576	43.566																						
Mar-02	25.284	25.806	23.825	37.947	38.019	35.925	40.078	44.544	40.556	48.981	48.916																						
Apr-02	27.469	27.912	26.128	41.491	41.480	40.074	44.739	49.011	44.713	53.778	53.753																						
May-02	26.901	27.302	25.302	40.686	40.668	38.085	44.899	48.500	44.698	50.798	50.790																						
Jun-02	22.769	23.425	21.366	37.506	37.431	35.250	42.528	45.491	43.078	48.544	48.544																						
Jul-02	22.531	23.158	20.813	37.375	37.188	35.750	42.844	45.625	42.906	48.625	48.525																						
Aug-02																																	
Sep-02																																	
Oct-02																																	